

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:57 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 714 Const Calendar Day: 159 Date: 10-Nov-2012 Saturday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 am 03:30 pm Break: 00:30 Over Time: 08:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge**Weather****Temperature** 7 AM 50 - 60 12 PM 50 - 60 4PM 50 - 60**Precipitation** 0.00"**Condition** Mostly sunnyWorking Day ☐ If no, explain:**04-0120F4 Bid Item: 067 C-PWS-WCS.067 Wrap Cable System**

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker		TYLER CICHUCKY	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker		JASON SHIRLEY	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker		TONY GILLARY	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	Tony Miranda	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker		THADDEUS BOOKER	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker		ARRON DAVID	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	MICHAEL DRAPER	0.00	8.00	0.00	8.00		<input type="checkbox"/>

Diary:

Dispute

Work description. 067 C-PWS-WCS.067

CABLE HAND WRAPPING OPERATION

☐

- There were two crews of three ironworkers under the supervision of foreman Mike Drapier performing this task today. All of the work was done on the South Sidespan near cable band castings 12S to 20S on the previous wrapping downhill of the band. The crew of Thaddeus Booker, Tony Miranda, and Tony Gillary worked on the hand wrapping of S-wire near cable bands 12S and 14S. Arron David, Jason Shirley, Chuck Cichucky did the same task for cable bands 16S to 20S.

Yesterday Victor Pereyra was inspecting this operation as he emphasized to the crews that more Zinc paste should be applied near the casting as the main PWS wires were exposed. See a photo below for how the Zinc paste should be applied which wasn't done until laborers were informed. Other pertinent notes from today's S-wire hand wrapping operation on the South Sidespan are the following:

1.) A significant bulge was observed in the S-wire wrapping 4 inches away on the downhill side of cable band 12S. This was shown to Roman Granados and Victor Pereyra so that they were aware of the situation. Roman discussed this issue with ABF foreman Mike Drapier, engineers Adam Reeves and Adam Roebuck. They proposed to remove the cadwelds located at 12 O'clock or on the top of the cable and try to reshape the slacked S-wire before placing new cadwelds.

2.) While hand wrapping S-wire on the downhill side of cable band 14S, the wire broke under tension and while a plastic wedge was being hammered into the cable band groove. After the S-Wire broke a



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 714

Date: 10-Nov-2012 Saturday

microweld was done before continuing to wrap the S-wire. The hand wrapping of the S-wire at this location was not finished by the end of the shift.

3.) S-wire hand wrapping on the downhill side of cable band castings 16S and 18S were completed and found to be acceptable. The cable band gaps at both locations were $< 14\text{mm}$. Therefore wedges were used to secure the S-Wire in the downhill portion groove of the castings. Six wedges were used and all of the wedges were 7-part.

4.) Downhill termination wrapping at cable band 20S was nearly completed with 4 out of the 6 7-part wedges installed.

5.) Wedges used at the cable band casting appeared to be driven properly into the groove. A noticeable elastic deformation of the S-wire was seen which ensures proper seating of the wedge against the S-wire, wedge, and cable band casting groove.

All of the information above was conveyed to Roman for the "hand over" to the Caltrans inspectors on tomorrow's shift. Roman also informed me that on the downhill side of cable band 10S, one of the termination wires located at 10 O'Clock had to be driven into the casting groove. The ironworkers were unable to fix this S-wire today by the end of shift.

Attachment



Hand wrapping shown on the downhill side of cable band 12S where there was a significant bulge 4" from the machine wrapped portion w/cadweld splices



ABF ironworkers in the process of wrapping the North Sidespan main cable with S-wire.



Wrapping operations on the North and South Sidespans today.



A termination wedge seen at a South side span cable band casting where the cable band gap wasn't $\leq 14\text{mm}$ to wrap the S-Wire around the bolt.

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 714

Date: 10-Nov-2012 Saturday



Zinc paste applied near a cable casting on the South Sidespan today as ABF crews were informed to apply a thick coat in this area.



Bulge of the S-wires on the downhill side of cable band 12S looking uphill on the outboard side.